

FIG. 1

miR-302b\* 5' GG CUUCA UU UG U GUGAC  
 miR-302b 5' GUUGGU GCUC ACU AACUUGGAG CUV CU UUGAC  
 UAAACUA UGAG UGA UUGUACCUUC GAA SA U  
 AG A---- UU U U AUAUU

miR-302c\* 5' CC UG UU C G UG  
 miR-302c 5' GGAU CUU CU AACUUGGGGAC UGCU UG I  
 CUCUG GAG GA UUGUACCUUGUG AUCA AC A  
 U-- GU CU A AA AA

miR-302a\* 5' C U U U GAAA  
 miR-302a 5' CCA CACU AACUGGA GUACUUGUU I  
 GCU GUGG UUGUACCUU CUGCAUUGAG C  
 A U U AUAU

miR-302d 5' C UC U C--- GA  
 miR-302d 5' AGGGCC CC UACUU AACUUGGGGACUUG UGU C  
 UCCUUGG GG GUGAG UUGUACCUUGUUGAU ACA A  
 U U- U U AAAA GU

miR-367 5' -- G UA C UUGAA  
 miR-367 5' UGCU ACAG CCAUACUUGUUA UGCA UCUG U  
 ACCGA UGUU GGUUGUGUACGUAU AGGU AGG A  
 AU A UC A UAAAU

miR-200c 5' CU -- A U U GGU  
 miR-200c 5' GCGGGGCC CGUC UUAACC GCAGUU GGS GC U  
 CUGUCOCGG GUAG AAGGG CGUCUUA CUC UG G  
 AG U C U -- AGG

miR-368 5' U UUGGUUU AAAA GUGA UUCU CUAUGUUA I  
 miR-368 5' AAACUUA UUAU CACCU AAGGA GAAACAA U  
 C G UA -- UGGUUA

miR-154\* 5' U GAAUUGGUUA CCGUU UG UCGC I  
 miR-154\* 5' AUA UUUUUAUCAGU GGCACA AC AGUG A  
 C U UUAAGC U UUU

miR-369 5' AG -- UA CUUUA  
 miR-369 5' UUGA GGAGU GACCGUU UAUUGG U  
 GACU UUUUUA UUGGUACA AUAGC U  
 CU G UA UUCAG

miR-370 5' AGAA CA GU U ACAGC  
 miR-370 5' AGACAG GCGAGU C CUC GCAG UAC I  
 UCUCUG UGGUCCA G GGG CGUC GUG U  
 ----- AG UG U C AGCAC

miR-301 5' AA A C U--- A---- C  
 miR-301 5' CUGCU CG AUGCU UGAC UUAUUGCAC CUGUA I  
 GACCA GU UACCA ACUG CAUUAACGUA GACAU U  
 AA C A UUAU CGAUC U

miR-371 5' CU GUGGCACUCAA GUGG GGCACUUC CCU U C  
 miR-371 5' AGC UUG CAUUGGAGUUU UACC CGGUGAAG UGG C  
 C-- U G -- U

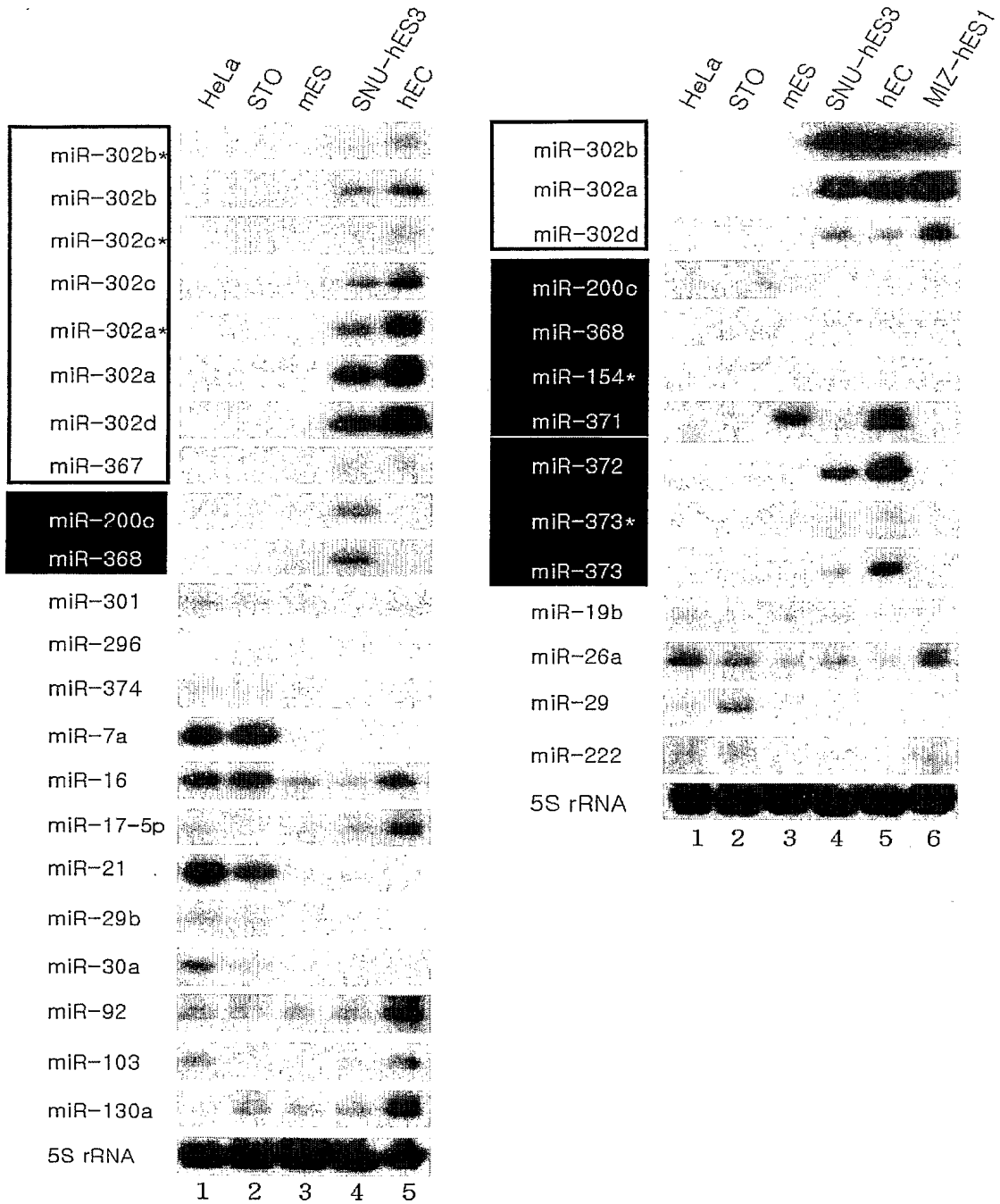
miR-372 5' CU G -- G A GAUGU I  
 miR-372 5' UCACC GUGG C CUCAAUGU G AGCACU UUCU C  
 AGUGG CACU G GAGUUAACA C UGGUGA AAGG C  
 C-- -C G G -- UGAAC

miR-373\* 5' U -- G UUUUUG U  
 miR-373 5' AC GGGAUACUC AAAAU GGGGCGCUUUC C  
 U CCGUGUGGG UUUUA CUUCCGUGAAGG UCAUGU

miR-296 5' CA C C G UGCC  
 miR-296 5' CCCUUC GAGGGCC CC CUCAAUCCU UUG I  
 GGGAG CUCUCGG GG GGGUUGGA GAC U  
 UC A U -- UUA

miR-374 5' C C C U  
 miR-374 5' UACAU GGC AUUAUAUACAA CUGAUAGGUU A  
 AUGUG CUG UAUUGUUAUGU GACUUAUCAG U  
 U U A A A

**FIG. 2**

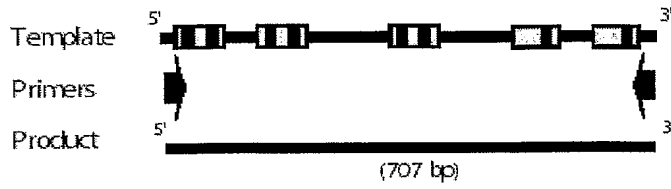




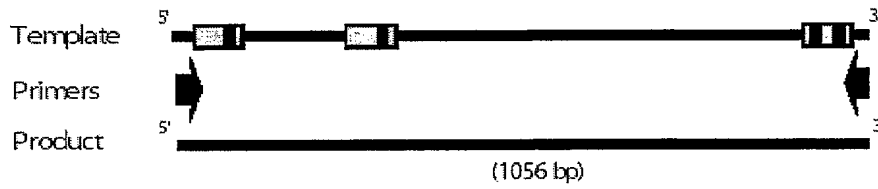


**FIG. 5**

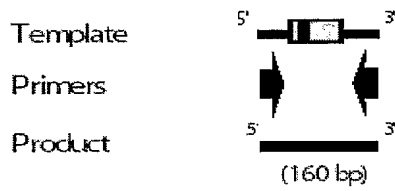
a) miR-302b\*~302b~302c\*~302c~302a\*~302a~302d~367 (chromosome 4)



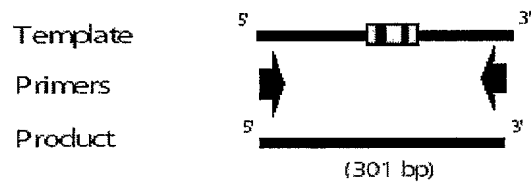
b) miR-371~372~373\*~373 (chromosome 19)



c) let-7a-1



d) miR-30a~30a\*



**FIG. 6**

